

ABSTRACT OF THE DISCLOSURE

A data recorder of the present invention comprises a recording unit, a condition determining unit, and an optimizing unit. This condition determining unit performs a recording test or information acquisition on a recording medium, and determines from the
5 result the right condition for performing a recording operation. The optimizing unit optimizes the recording operation according to this right condition. The recording unit performs the recording condition optimized by the optimizing unit, thereby recording data on the removable recording medium.